

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 14053.42.0

TSANG, et al.

Application No.: 10/706,605

Examiner: MAI, Tan V.

Filed: November 12, 2003

Group Art Unit: 2193

For: FAST SOLUTION OF INTEGRAL EQUATIONS REPRESENTING WAVE PROPAGATION

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This communication is filed in response to the Office Communication of October 26, 2006, for which the unextended date for response is November 26, 2006. Applicant, through his attorney, elects with traverse the following invention from those identified by the Examiner:

- The invention of Group I, Claims 1-24 and 28-35, drawn to method / apparatus / product for solving equations, classified in class 708, subclass 446.

Applicant respectfully traverses the restriction requirement and asks that all claims be examined as part of the prosecution of the present application. Applicant traverses the restriction/election requirement on the grounds that no serious burden on the Examiner exists. If the search and examination of an entire application can be made without serious burden, it must be examined on the merits even though it includes claims directed to distinct or independent inventions. M.P.E.P § 803. The subject matter of Groups I and II are believed to be sufficiently related that a thorough search for the subject matter of either group would encompass a search for the subject matter of both groups. To avoid duplicative examination by the Patent Office and

unnecessary delay and expense to Applicant, Applicant respectfully requests examination on the merits of all the claims, not just those of the invention elected.

Furthermore, Applicant submits that if a determination of an allowable generic claim is issued, claims that are written in dependant form or otherwise include all the limitations of the allowed generic claim should be considered. M.P.E.P. § 809.02(c). Therefore, Applicant respectfully requests that the Examiner consider rejoining the claims of the non-elected group (c.g., Group II) upon a finding of allowability of a generic claim.

Finally, it is to be understood that the election in the present response is for the sole purpose of the Examiner's initial search and examination, and that upon allowance of a generic claim, all embodiments encompassed by that claim will then be examined. M.P.E.P. §809.02(c). Therefore, Applicant respectfully requests that the search be conducted to provide for the inclusion of all embodiments included in the generic claim and all claims dependent therefrom.

The Examiner is invited to telephone the undersigned if the Examiner believes it would be useful to advance prosecution.

Respectfully submitted,

/Robert Day/

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Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 06-1910.